

## Client Success Story—Data & AI | Data Reliability

Fortune 25 Healthcare Enterprise



**“Hylaine brought enthusiasm to solve our hard problem—without ever pretending to know everything or making us feel like we didn’t know what we were doing.” – CIO**

### Challenge:

**No clear view** of where data comes from, how it’s used, or whether it can be trusted after acquisitions.

### Solution:

Designed and delivered a **data reliability framework** to improve observability and data quality across critical systems.

### Results:

- **\$1M+** in risk exposure avoided
- **80%** faster root-cause analysis
- Auto-detection of **80%+** of data anomalies in key pipelines
- Enabled data conversion to transition a **\$1B+** business to a new platform

# Client Success Story—Application Development

## Specialty Insurance Provider

### Challenge:

- **Time consuming & error-prone manual regression** testing for underwriting product
- **Slow development of new underwriting rules** due to outdated tools and limited UI capabilities
- **Future scalability & reuse** limited by monolithic architecture

### Solution:

- Integrated automated testing utilities into **Jenkins CI/CD pipeline**
- Applied modern, user-friendly **UI testing platform** to make rule development faster and easier
- **Extracted core functions** into microservices to enable future consumption and reuse

### Results:

- **Reduced execution** time from days to hours
- **50% faster development** cycles through accelerated underwriting rule authoring
- **Modern UI** improved system responsiveness and usability for underwriters
- **Increased quality** and consistency of testing, reducing defects in production
- **Positioned product for future scalability** with modular, microservices-based architecture

**“Hylaine’s understanding of our organization is a key strength. This partnership isn’t pushy; it’s more collaborative and organic.” -CTO**

# Client Success Story—Data & AI | Data Engineering & Architecture

## Investment Management Firm

### Challenge:

- **Outdated ETL process**—Legacy sales calculation was slow, error-prone, and hard to troubleshoot
- **Delayed insights**—Long cycle times held back timely data for ERP and downstream systems
- **Rigid operations**—Tightly coupled business processes limited flexibility for future change

### Solution:

- **Stabilized legacy system** (Informatica) to improve performance and reliability
- **Re-platformed ETL** to Microsoft Azure Data Factory and Azure Data Lake
- **Designed new modular architecture** to decouple business processes and simplify troubleshooting
- **Integrated 10+ source systems** (AS400, HR, Sales, Marketing, External Partners) into a unified data lake

### Results:

- **2+ hours saved** per cycle (~500+ hours annually) by reducing ETL runtime
- **99.9% uptime achieved** with significantly fewer failed runs
- **Near real-time data** access enabled for ERP and analytics, accelerating decision-making
- **50% faster troubleshooting** and change management through modular design
- **Scalable cloud infrastructure** implemented to future-proof growth and M&A

**“They’re not trying to cut corners or push for a quick sale. *I truly appreciate that.*”**

*–VP Application Development*

# Client Success Story—Advisory | Strategic Tech Assessment & Roadmap

Top 20 U.S. Biotech Firm

## Challenge:

- **Poor architecture** and growing technical debt limited the performance of the legacy lung transplant platform
- **Critical updates at risk** as feature development slowed to a standstill
- **Usability and compliance at risk** due to UI/UX issues, timekeeping gaps, and data quality concerns

## Solution:

- Designed a **scalable, modernized** organ transplant platform
- Used modern tooling across the stack for data migration, testing, and **streamlined development**
- Introduced **automated testing framework** to expedite future enhancements and approvals

## Results:

- **Delivered FDA-approved application** on time and budget
- **40% faster approval timelines** achieved through automated testing and streamlined compliance readiness
- **70% fewer manual corrections** through fixes to usability, timekeeping, and data quality
- **Cut regression testing** from weeks to hours by automating 80%+ of the codebase

**“Hylaine has deep expertise in all of their service lines, and partners with us for the best outcomes.”** *–Data & Analytics Director*

# Client Success Story—Advisory | Operating Model

Commercial Services Firm

## Challenge:

- **M&A-driven growth**—Dozens of acquisitions introduced redundant tools, inconsistent processes, and rising spend that created inefficiencies in IT, finance, and budgeting
- **Inconsistent spend management**—Accumulation of similar and duplicative licensing costs with minimal visibility into budget and spending

## Solution:

- **Budget Process**—Rapid assessment of current-state budgeting methodology and process to improve forecasting accuracy and visibility into spend across IT
- **Cost Optimization**—Roadmap to capture the major cost-saving opportunities our assessment identified, such as eliminating duplicate services and consolidating vendors

## Results:

- **10x ROI**—Identified cost-saving opportunities worth hundreds of thousands of dollars, far exceeding the value of the engagement
- **Licensing Optimization**—Delivered a detailed action plan for consolidating and retiring licenses, with clearly defined savings per system
- **Process Modernization**—Implemented Zero-Based Budgeting and introduced best practices to improve transparency, accountability, and efficiency
- **Strategic Roadmap**—Equipped the client with actionable next steps to operationalize changes and sustain improvements across the enterprise